

# Kata Thong Lithium

## PROJECT OVERVIEW

- Five Special Prospecting Licence Applications (SPLA) in the Phang Nga Province in southern Thailand
- Two of the SPLAs contain geothermal fields
- One of the geothermal fields abuts the lithium rich Kata Khwam granite batholith, with rock-chip assays up to 0.27% Li<sub>2</sub>O

## PROSPECTS

### Project Geology

- Little modern exploration has been undertaken in the region
- Located in Phuket Supersuite of granites, responsible for most of the historic tin production in Thailand
- Dominated by the lithium rich Kata Khwam granite (KKG) which is about 20km long and up to 10km wide and has rock-chip assays up to 0.27% Li<sub>2</sub>O
- Three distinct styles of tin and related mineralisation, which all occur in and around the Kata Thong project area:
  - Pegmatite dyke and vein swarms that can also contain Li-Ta-Nb mineralisation.
  - Muscovite and tourmaline-muscovite alteration containing high background levels of lithium.
  - Simple quartz-cassiterite-wolframite veins.

### Kata Thong Positions PAM

- As a potential geothermal lithium producer
- With the potential to expand its hard rock lepidolite style lithium holdings
- As a potential zero carbon emitter via both geothermal energy and the nearby 240MW Rajjaprabha Hydro-electric Power Station
- Assessments in parts of the project area conclude there is potential for modest scale geothermal power production

### The project enhances PAM's aim to be positioned at or near the bottom of the lithium cost curve

- Kata Thong enhances PAM's competitive positioning:
  - PAM is potentially positioned to produce lithium products with a Low to Zero Carbon Footprint
  - Kata Thong is complementary to PAM's existing project portfolio in Thailand
  - Low to Zero Carbon Footprint lithium projects will attract finance with more ease and their lithium chemical products will likely attract price premiums to the broader market
  - Both the geothermal and hard rock aspects are commensurate with Thailand National and Provincial government policies